

FIG. 1C

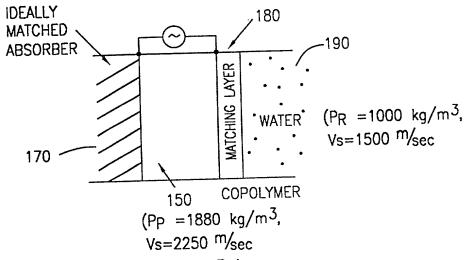


FIG. 2A

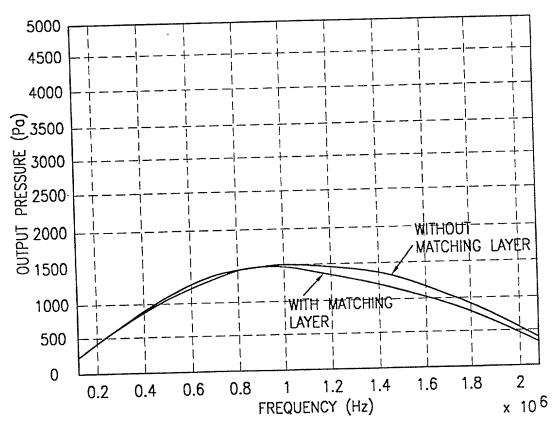
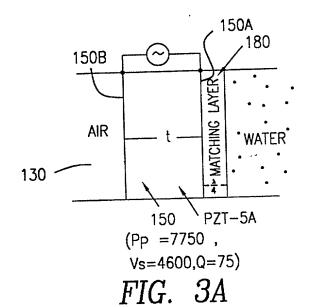


FIG. 2B



5 × 10⁵ 4.5 4 3.5 3 PRESSURE (Po) 1.5 WITH MATCHING LAYER CONVENTIONALLY KNOWN SCHEME) 1.5 1 0.5 0 2 1.5 1.7 1.8 1.9 1.6 1.4 1.2 1.3 1.1 x 10⁶ FREQUENCY (Hz)

FIG. 3B

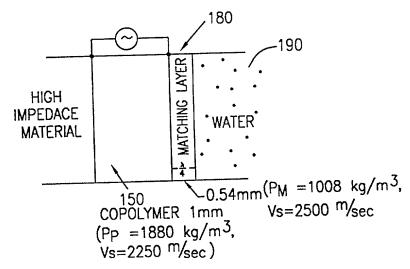


FIG. 4A

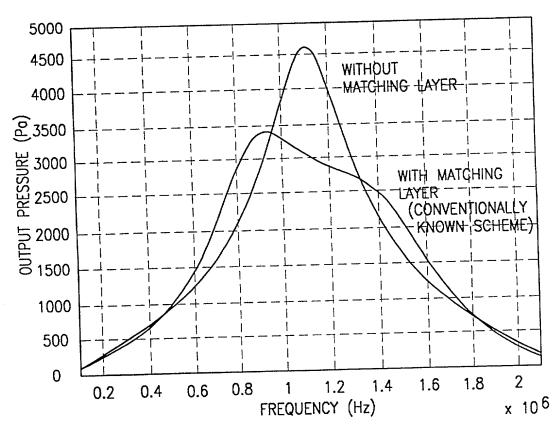
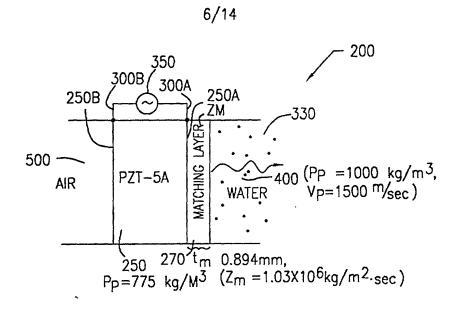
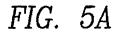


FIG. 4B





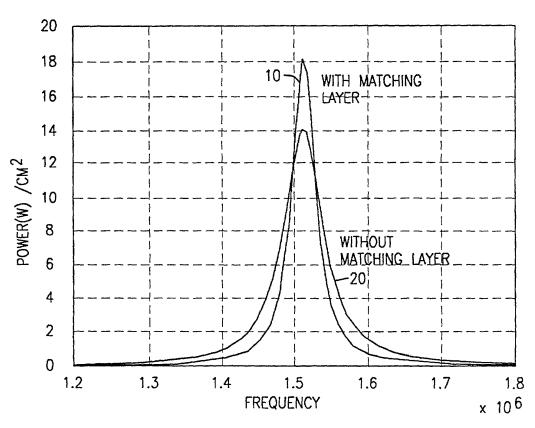


FIG. 5B

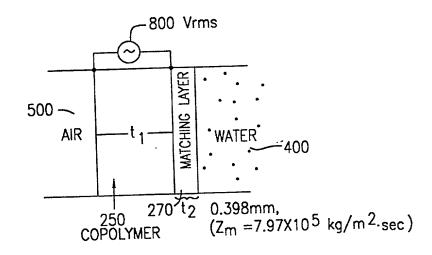


FIG. 6A

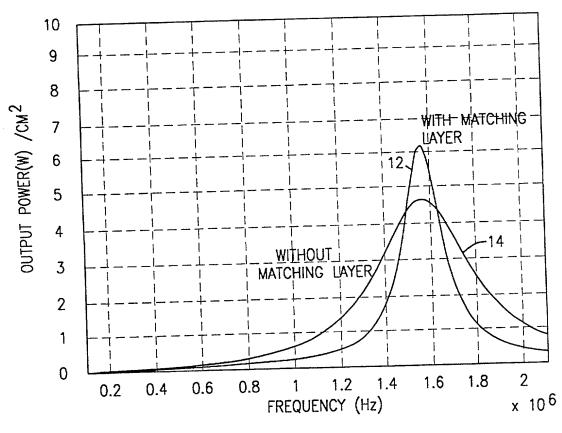


FIG. 6B

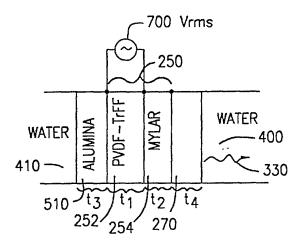


FIG. 7A

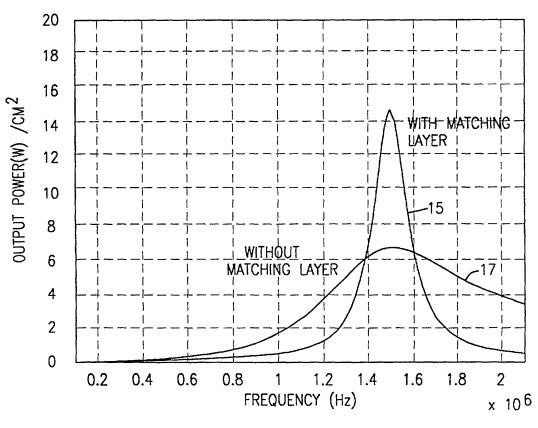


FIG. 7B

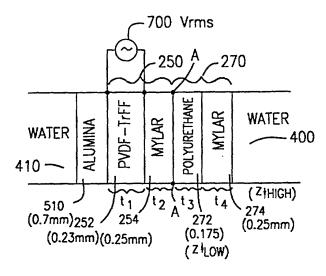


FIG. 8A

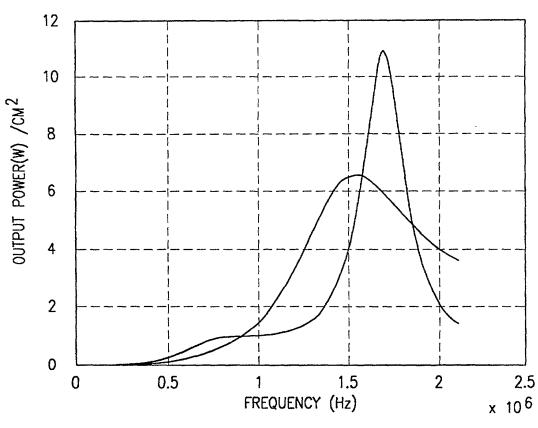


FIG. 8B

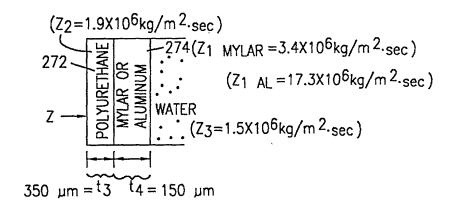


FIG. 9A

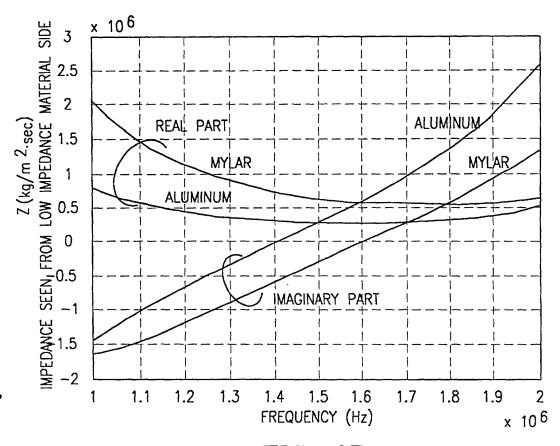


FIG. 9B

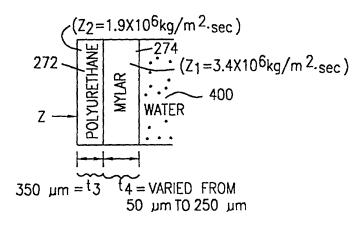


FIG. 10A

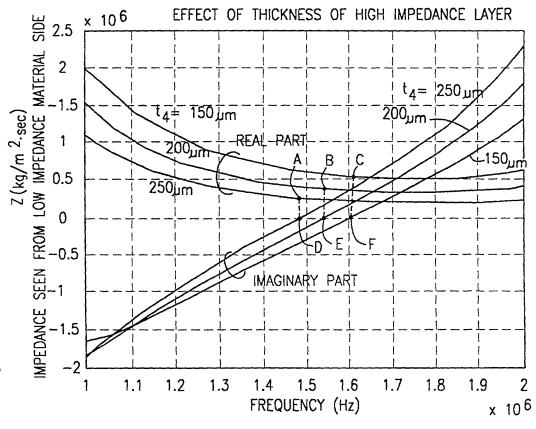


FIG. 10B

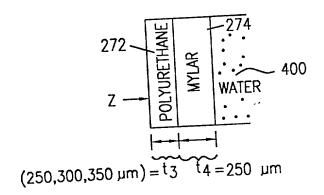


FIG. 11A

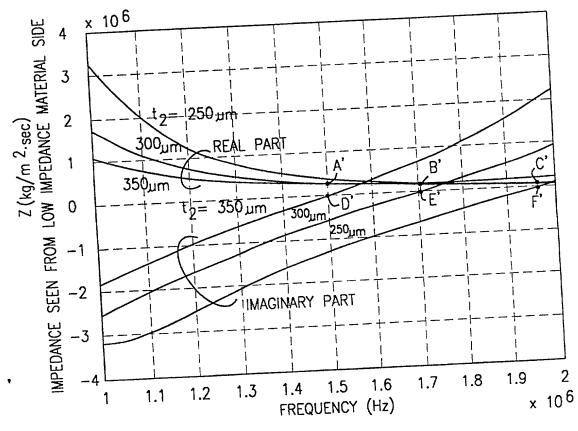


FIG. 11B

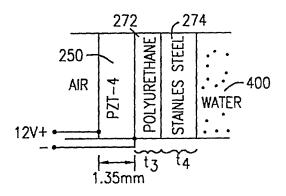


FIG. 12A

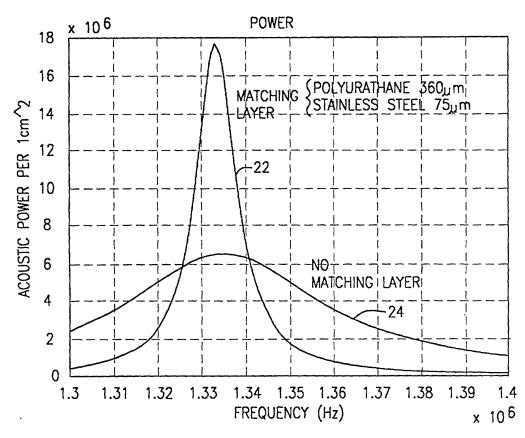


FIG. 12B

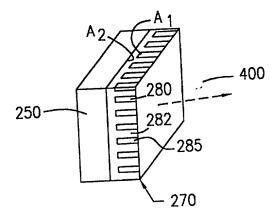


FIG. 13A

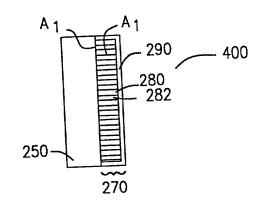


FIG. 13B